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Pages:	Cover + 2 + 2 + 1 = 6	Date:	December 4, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941 (310) 964-4615
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Georgann S. Grunebach, Reg. No. 33,179
 (Printed Name of Person Signing Certificate)

Telephone No. (310) 964-4615

December 4, 2006
 (Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-200181

Please find attached Re:

Serial No.: 09/844,401

Filing Date: April 27, 2001

- INFORMATION DISCLOSURE STATEMENT (2 pages in duplicate)
- SUBSTITUTE FORM PTO/SB/08B (1 page)
- NON-PATENT LITERATURE (2 pages)

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Patent
PD-200181
Customer No. 020991

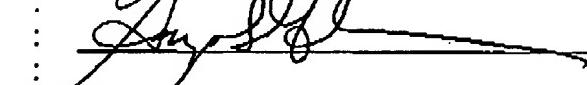
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

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Serial No.: 09/844,401
Filed: April 27, 2001

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For: LAYERED MODULATION FOR
DIGITAL SIGNALS

Georgann S. Grunebach
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Group Art Unit: 2611
Examiner: Emmanuel Bayard

Date: December 4, 2006

SUPPLEMENTAL DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (d)
WITH FEE AS SET FORTH IN §1.17(p)

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The reference cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The reference was cited in a Notice of Allowance dated November 21, 2006, in related U.S. patent application serial number 10/532,509 filed April 25, 2005.

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

DEC 04 2006

Serial No. 09/844,401.....Page 2

Certification Under 37 C.F.R. §1.97(e)

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(2)).

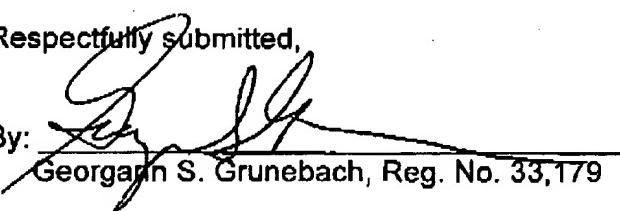
PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. This form is being submitted in duplicate.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:


Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
CA/LA1/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

December 4, 2006

Patent
PD-200181
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 09/844,401

Filed: April 27, 2001

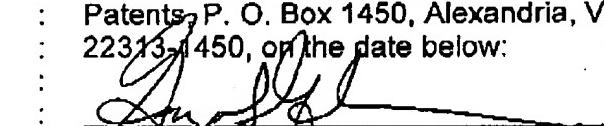
For: LAYERED MODULATION FOR
DIGITAL SIGNALS

Group Art Unit: 2611

Examiner: Emmanuel Bayard

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Georgann S. Grunebach

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Serial No. 09/844,401.....Page 2

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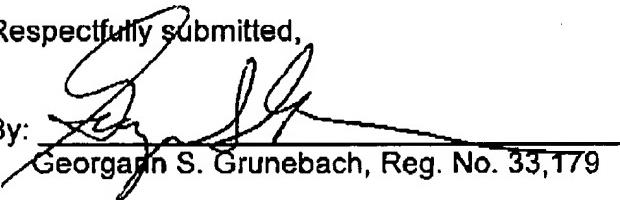
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December 4, 2006

Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
		Application Number	09/844,401
		Filing Date	April 27, 2001
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	BAYARD, Emmanuel
Date: December 4, 2006			
Sheet 1 of 1		Attorney Docket Number	PD-200181

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,369,648	04-2002	Kirkman, George F.	
		US-6,477,398	11-2002	Mills, Randell L.	
		US-3,076,180	01-1963	Havens et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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